

We Claim:

1. A method for implementing a patient monitor program for a user by a service
provider, the method comprising the steps of:

recording a physiological attribute of a patient on a device, wherein the
device utilizes attenuated total reflection (ATR) infrared spectroscopy to record
the attribute; and

sending the attribute to one or more users via a network.

2. The method of claim 1, wherein the attribute is blood glucose level.

3. The method of claim 1, wherein the attribute is a blood analyte level.

4. The method of claim 1, further comprising the step of processing one or more
attribute to generate a profile of the patient.

5. The method of claim 1, further comprising the step of recording one or more
behavioral attributes of the patient.

6. The method of claim 5, further comprising the step of correlating the
physiological attributes with the behavioral attributes in generating the profile of
the patient.

7. The method of claim 6, further comprising the step of encrypting the profile to
protect unauthorized access.

5 8. The method of claim 1, further comprising the step of transmitting the attribute
wirelessly.

9. The method of claim 8, wherein the wireless transmission is performed via
coupling the device to a cellular phone.

10 10. The method of claim 8, wherein the wireless transmission is performed via
coupling the device to a wireless transmitting device.

11. The method of claim 1, wherein the attribute is transmitted to a local processing
15 unit over a short range radio frequency (RF) link.

12. The method of claim 11, wherein Blue tooth protocol is utilized in the
transmission.

20 13. A patient monitor system to enable sharing of information among information
recipients comprising:

an input device to record an attribute of an patient, wherein the device

utilizes attenuated total reflection (ATR) infrared spectroscopy to record the attribute;

_____ a data processing unit to process the attributes to generate and transmit a profile of the patient to a recipient.

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14. The system of claim 13, wherein the profile is transmitted via a network.

15. The system of claim 13, wherein the profile is transmitted wirelessly.

10 16. The system of claim 13, wherein the profile is transmitted based on recipient parameters.

17. The system of claim 13, further comprises a security module to verify recipient access to profiles.

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18. A method of transmitting an analyte measurement from an input device to a user output device comprising the steps of:

contacting a skin surface of a patient to an ATR plate in said input device;

20 recording an analyte level measurement in the skin via ATR infrared spectroscopy; and

transmitting said analyte level measurement to one or more user.

19. The method of claim 18, wherein said measurement is transmitted via a network.

20. The method of claim 19, wherein said network is the Internet.

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21. The method of claim 18, wherein said measurement is transmitted via a wireless protocol.

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22. The method of claim 21, wherein said wireless transmission is performed via coupling the input device to a cellular phone.

23. The method of claim 21, wherein said wireless transmission is performed via coupling the input device to a pager.

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24. The method of claim 21, wherein said input device contains a wireless transmission module.

25. The method of claim 18, further comprising the step of restricting user access by a pre-determined rule set.

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26. The method of claim 18, further comprising the step of processing the analyte measurement to generate a profile.

27. The method of claim 26, wherein the processing relates to correlating said analyte
measurement with behavioral attributes of the patient.

5 28. The method of claim 18, wherein the analyte measurement is blood glucose level.

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